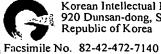
To: YOON, Jee Hong		PCT	
Hannuri Bldg. 219 Naeja-dong, Chongno-gu, Seoul 110-053 Republic of Korea		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)	
,			
		Date of mailing (day/month/year) 23 NOVEMBER 2004 (23.11.2004)	
Applicant's or agent's file reference FE241511		FOR FURTHER ACTION See paragraph 2 below	
International application No. PCT/KR2004/002469	International filing date 24 SEPTEMBER	(day/month/year) Priority date(day/month/year) 2004 (24.09.2004) 30 SEPTEMBER 2003 (30.09.2003)	
nternational Patent Classification (IP	C) or both national classific	ation and IPC	
Applicant			
UTStarcom Korea Limited	et al	•	
	relating to the following ite	ms:	
1. This opinion contains indications Box No. I Basis of the Box No. II Priority Box No. III Non-estable Box No. IV Lack of une X Box No. V Reasoned socitations ane Box No. VI Certain documents Box No. VII Certain december	opinion shment of opinion with reg ty of invention	ard to novelty, inventive step and industrial applicability (a)(i) with regard to novelty, inventive step or industrial applicabilistic statement	
1. This opinion contains indications Box No. I Basis of the Box No. II Priority Box No. III Non-estable Box No. IV Lack of un X Box No. V Reasoned s citations an Box No. VI Certain do Box No. VII Certain do Box No. VIII Certain obs 2. FURTHER ACTION If a demand for international prel International Preliminary Examin other than this one to be the IPEA opinions of this International Sea If this opinion is, as provided abo IPEA a written reply together, w	shment of opinion with regard of invention tatement under Rule 43bis. It dexplanations supporting suments cited fects in the international appervations on the internation iminary examination is made in a Authority ("IPEA") except and the chosen IPEA has a reching Authority will not be ove, considered to be a writtnere appropriate, with amentate expiration of 22 months	(a)(i) with regard to novelty, inventive step or industrial applicability (a)(i) with regard to novelty, inventive step or industrial applicability arch statement oblication al application (e, this opinion will be considered to be a written opinion of the nept that this does not apply where the applicant chooses an Authority of the International Bureau under Rule 66.1 bis(b) that written	

Name and mailing address of the ISA/KR



Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

NAM, Ki Young

Authorized officer

Telephone No. 82-42-481-5710

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/KR2004/002469

Box No. I Basis of this opinion	
With regard to the language, this opinion has been established on the basis of the international application in the la which it was filed, unless otherwise indicated under this item.	nguage in
This opinion has been established on the basis of a translation from the original language into the following, which is the language of a translation furnished for the purposes of international	
Rules 12.3 and 23.1(b)).	
With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessiamed invention, this opinion has been established on the basis of:	essary to the
a. type of material	
a sequence listing	
table(s) related to the sequence listing	
b. format of material	
in wirtten format	
in computer readable form	
c. time of filing/furnishing	
contained in the international application as filed.	
filed together with the international application in computer readable form.	
furnished subsequently to this Authority for the purposes of search.	٠.
In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto h filed or furnished, the required statements that the information in the subsequent or additioanl copies is identic in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.	
Additional comments:	

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/KR2004/002469

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Novelty (N)	Claims 1 - 2	YES
	Claims none	NO
Inventive step (IS)	Claims none	YES
	Claims 1-2	NO
Industrial applicability (IA)	Claims 1 - 2	YES
	Claims none	NO

2. Citations and explanations:

Reference is made to the following documents.

D1: WO 01/61884 A1 (QUALCOMM INCORPORATED) 23 AUGUST 2001 D2: WO 01/37443 A1 (SAMSUNG ELECTRONICS CO., LTD.) 25 MAY 2001

1. Novelty (PCT Article 33(2))

This invention as defined in the claims is to a method of implementing different algorithms according to the service type to be provided through a CDMA-2000 system. That is, if the service type is a voice service, the conventional reverse-link power control algorithm that is used for an IS-95A or IS-95B CDMA system is employed at a Base Station Subsystem (BTS). However, if the service type is a data service, a target Energy per Bit/Noise Total (Eb/Nt) balue for each of a reverse fundamental channel and a reverse supplemental channel is determined based on the statuses of the frames received in the reverse channels.

This invention includes the step of selecting a service type-data service type or voice service type- to be provided.

But, D1 and D2 do not disclose this step above.

So this invention meets the criteria set out in PCT Article 33(2).

2. Inventive step (PCT Article 33(3))

D1 reveals a method for controlling the power of transmitting on a number of channels(e.g., two-fundamental and supplemental channel) to a particular remote terminal. For example, for the cdma2000 system, a fundamental channel may be assigned for voice and certain types of data, and one or more supplemental channels may be assigned for high-speed data.

D2 reveals a method of transmitting frames (power control bits) on at least two traffic channels, that is, a first traffic channel (fundamental channel for voice) frame and a second traffic channel (supplemental channel for high-speed data) frame to a receiver and the receiver reports a reception result back to the transmitter.

Neither of these citations individually discloses all of the features of the claims, when combined as would be obvious to a person skilled in the art, those citations disclose all of the features of the claims above.

3. Industrial applicability (PCT Article 33(4))

Claims 1 through 2 are considered to be industrially applicable.